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### **Technical Visit to Asia Satellite Tai Po Base**

On 11<sup>th</sup> November 2007, a technical visit to the Asia Satellite Tai Po Base was successfully organized and conducted by Management Section and supported by Asia Satellite Telecommunications Holdings Limited (AsiaSat).

There were 30 IET Hong Kong members enjoyed a fruitful morning in AsiaSat Tai Po Base Station. At the beginning of the visit Mr. Kenneth Chow, Earth Station Engineering & Maintenance Manager of AsiaSat, gave us a presentation of Introduction to AsiaSat Tai Po Earth Station. He showed us how the communication satellite launch from Earth, enter the Parking Orbit, transfer to Transfer Orbit and finally arrived to the Geostationary Earth Orbit. The operating satellites may changes its position with respect to time due to the action of a number of perturbations. The ground station engineer required to correct its orbit with the limited fuel carried accordingly. Members then guided to satellite control center to understand how the Ground Station operating the communication satellites for TV broadcasting and commercial data communication. He also introduced us the ground station facilities such as Earth Station Antennas, M&C RF System, Building facilities, Earthling system, Power System ... etc

All participants enjoyed sharing with Mr. Kenneth Chow and show actively at the Q&A Session. The Management Section Committee chairman Y W Yim and members would like to take this opportunity to thank Mr. Kenneth Chow for his valuable contribution to the success of the technical visit.

Reported by Patrick Wong, MS



